



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

~~804908~~
004912

C3
Job Sheet 177449



Part No: C3

Job Qty: 1 ea

Part Name: C-Series Remote Hook 3,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: At Planning

Priority: Medium

Job Created: 5/11/18

Job Tracking No:

Due Date: 5/31/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG C3 Rev 2 IPP Rev A 18.03.29 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		5/31/18	0.00	0.00	Start Up Small Fab-4		
100	Small Fab	1 pcs		5/31/18	0.00	1.00	Small Fab-3		
110	QC	1 pcs		5/31/18	0.00	0.00	QC5		
120	DC	1 pcs		5/31/18	0.00	0.00	DC		
130	Packaging	1 pcs		5/31/18	0.00	0.00	Packaging3-2		
140	QC21-SA	1 Ea		5/31/18	0.00	0.00	QC21		

Part Op 100 - 1- PICK C3-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 3 AND 4 ON SHEET 3-2-1 ASSEMBLE AS
Descriptions: PER DWG

120 - - Photocopy blue file OM & OOPM-C3 Rev 4

130 - Identify and Stock

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1032-1/4	Set Screw	2 Ea (2 ea)	90-Start up Operation	5073061
188-FSCS-832-5/8	Clock Spring Cover Screw	4 Ea (4 ea)	90-Start up Operation	5038399
2595K22	Heat Shrink Tube	1 Ea (1 ea)	100-Small Fab	5049575
32446	Crimp Terminal	2 Ea (2 ea)	100-Small Fab	5047075
8183K6	Wire Guide/Grip	1 Ea (1 ea)	100-Small Fab	5073059
AN4-16A	Bolt	3 Ea (3 ea)	100-Small Fab	5082909
AN4-17A	Bolt	1 Ea (1 ea)	100-Small Fab	5089287
AN6-15A	Bolt	1 Ea (1 ea)	100-Small Fab	5076004
C2-1-1	Manual Release Knob	1 Ea (1 ea)	100-Small Fab	50100040
C2-10-1 P	Lock Spring Pin	1 pcs (1 ea)	100-Small Fab	5072806
C2-11-2 P	Locating Pin	2 Ea (2 ea)	100-Small Fab	5058752
C2-3-1 P	Bearing DU	2 pcs (2 ea)	100-Small Fab	5072808
C2-3-10	Latch Shaft	1 Ea (1 ea)	100-Small Fab	5046764
C2-3-11	Actuator	1 pcs (1 ea)	100-Small Fab	5075123
C2-3-2 P	Latch Roller Pin	1 Ea (1 ea)	100-Small Fab	5029246
C2-3-2-1	Roller Pin Retaining Ring	2 Ea (2 ea)	100-Small Fab	5056855
C2-3-3	Latch Roller	1 Ea (1 ea)	100-Small Fab	5068693
C2-3-3-1	Latch Roller DU Bearing	1 Ea (1 ea)	100-Small Fab	5050472
C2-3-5	Spacer, Teflon	2 Ea (2 ea)	100-Small Fab	5058758
C2-3-6	Latch	1 Ea (1 ea)	100-Small Fab	5083629
C2-3-8	Actuator Bushing	2 Ea (2 ea)	100-Small Fab	519664
C2-5-1	Actuator Stop	1 Ea (1 ea)	100-Small Fab	5058759

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																																																					
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C3-10-2	Lock Spring	1 Ea (1 ea)	100-Small Fab
C3-11-1	Side Plate - Solenoid C3-Hook	1 Ea (1 ea)	100-Small Fab
C3-12-1 <i>en bar</i>	Lock Bushing	2 Ea (2 ea)	100-Small Fab
C3-12-2	Lock Shaft - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-12-3 <i>P</i>	Lock - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-12-4 <i>P</i>	Lock Roller	1 Ea (1 ea)	100-Small Fab
C3-12-5 <i>P</i>	Lock Roller Pin	1 Ea (1 ea)	100-Small Fab
C3-12-6	Lock Roller Pin Circlip	2 Ea (2 ea)	100-Small Fab
C3-13-1 <i>P</i>	Keeper Bushing	2 pcs (2 ea)	100-Small Fab
C3-13-4 <i>P</i>	KEEPER	1 pcs (1 ea)	100-Small Fab
C3-13-5 <i>P</i>	Spring, Keeper	1 pcs (1 ea)	100-Small Fab
C3-2-1	Side Plate C-3 Hook	1 Ea (1 ea)	100-Small Fab
C3-3-4	Link Pin	2 Ea (2 ea)	100-Small Fab
C3-3-4-1	Ring, Retaining	4 pcs (4 ea)	100-Small Fab
C3-3-7	Link	1 Ea (1 ea)	100-Small Fab
C3-3-9 <i>P</i>	Actuator Spring	1 pcs (1 ea)	100-Small Fab
C3-4-1 <i>PO</i>	Load Beam Bushing	2 Ea (2 ea)	100-Small Fab
C3-4-4 <i>P</i>	C3 Load Beam Assy	1 Ea (1 ea)	100-Small Fab
C3-7-1	Load Beam Bumper	1 Ea (1 ea)	100-Small Fab
C3-7-2	Lock Bumper	2 Ea (2 ea)	100-Small Fab
C3-8-2	Solenoid	1 Ea (1 ea)	100-Small Fab
C3-8-4	Solenoid Cover Gasket	1 Ea (1 ea)	100-Small Fab
C3-8-5	Solenoid Cover	1 Ea (1 ea)	100-Small Fab
C3-9-1 <i>P</i>	Clock Spring Cover - C3 Hook	1 Ea (1 ea)	100-Small Fab
C3-9-2	Spring, Clock	1 pcs (1 ea)	100-Small Fab
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	100-Small Fab
M27500-16TG2T14	Wire - 16-Gauge - Shielded	1 pcs (1 ea)	100-Small Fab
MS21044N4	Nut, Self-Locking	4 Ea (4 ea)	100-Small Fab
MS21083-N3	Nut	2 Ea (2 ea)	100-Small Fab
MS21083N6	Nut	1 Ea (1 ea)	100-Small Fab
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab
MS35266-63	Solenoid Cover Screw	1 Ea (1 ea)	100-Small Fab
NAS1149F0332P	Washer	2 Ea (2 ea)	100-Small Fab
NAS1149F0363P	Washer	1 Ea (1 ea)	100-Small Fab
NAS1149F0463P	Washer	8 Ea (8 ea)	100-Small Fab
NAS1149F0632P	Washer	2 Ea (2 ea)	100-Small Fab

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SAF-T-EZE (M128063) GREASE AEROSHELL (M138724) LOCTITE 242 (M138762) LOCTITE 620 (M138828)

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	188-FPSS-1032-1/4	2	102	0
	188-FSCS-832-5/8	4	176	0
100-Small Fab	2595K22	1	25	0
	32446	2	90	0
	8183K6	1	10	0
	AN4-16A	3	407	0
	AN4-17A	1	464	0
	AN6-15A	1	30	0
	C2-1-1	1	0	0
	C2-10-1	1	100	0
	C2-11-2	2	100	0
	C2-3-1	2	70	0
	C2-3-10	1	28	0
	C2-3-11	1	0	0
	C2-3-2	1	0	0
	C2-3-2-1	2	98	0
	C2-3-3	1	20	0
	C2-3-3-1	1	29	0
	C2-3-5	2	100	0
	C2-3-6	1	0	0
	C2-3-8	2	4	0
	C2-5-1	1	20	0
	C3-10-2	1	30	0
	C3-11-1	1	0	0
	C3-12-1	2	32	0
	C3-12-2	1	0	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Remote Cargo Hook Test Form

C3

MAKE SURE YOU ARE USING THE CORRECT TEST FORM FOR THE CORRECT SOLENOID!

NEW SOLENOID (152951-001)

Work Order 177449

Customer _____

Serial Number 5100184

Date August 9 2018

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/Fail
1	7,500	Static Hold	Hold for two minutes and reduce load to zero	N/A	Pass.
10	1,500	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass.
2	3,000	Electircal, 22 volts	Current shall not exceed 12.8 A	A	
2	2,500	Electircal, 22 volts	Current shall not exceed 12.8 A	A	
2	2,000	Electircal, 22 volts	Current shall not exceed 12.8 A	A	
2	1,500	Electircal, 22 volts	Current shall not exceed 12.8 A	A	
2	500	Electircal, 22 volts	Current shall not exceed 12.8 A	A	
1	3,000	Electircal, 20 volts	Current shall not exceed 11.6 A	A	
1	3,000	Electircal, 28 volts	Current shall not exceed 16.2 A	A	
1	3,000	Manual		N/A	
1	3,000	Impact Test	Impact shackle 10x , shall not release	N/A	
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ω	Ω	
1	N/A	Electircal Continuity	Across both wires	N/A	

Test Conducted By: Luc Larivière
Technician

Signature: Sylvie Boucher
QC 5 Small FAB / QA

Submit